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IN THE CLAIMS

Please amend the claims as follows.

1. (Currently amended) A connector ~~for an electric motor, adapted so as to be detachably fixed on said an electric motor~~ including a magnetic ring which is a seat of a magnetic field related to operating parameters of said motor, ~~wherein said the~~ connector comprises comprising:

_____ a magnetic flux conduction member forming a flux concentrator; ~~interposed, when said connector is fixed on the motor, between said magnetic ring and~~

_____ a Hall-effect sensor adapted ~~so as to~~ measure magnetic flux conducted by said magnetic flux conduction member; and

_____ a printed circuit board having an electrical circuit adapted to supply current ~~supply source~~ for said motor fixed thereon, wherein the magnetic flux conduction member is fixed to the printed circuit board in the vicinity of the Hall-effect sensor, and wherein the magnetic flux conduction member is releasably interposed between said magnetic ring and the Hall-effect sensor when said connector is fixed on the motor.

2. (Currently amended) The connector for an electric motor as recited in claim 1, wherein said magnetic flux conduction member comprises at least one metal pin ~~adapted so that having a portion that a part of said pin, when said connector is fixed on said motor, lies in a vicinity of said magnetic ring when said connector is fixed on said motor.~~

3. (Original) The connector for an electric motor as recited in claim 2, wherein said magnetic flux conduction member comprises two metal pins having free ends disposed symmetrically with respect to an axial plane of said magnetic ring.

4. (Currently amended) The connector for an electric motor as recited in claim 1, ~~wherein said connector further comprises comprising~~ at least two electrical power contacts linked to said ~~supply source~~ electrical circuit for said motor.

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5. (Original) The connector for an electric motor as recited in claim 4, wherein at least one of said electrical power contacts is disposed so as to constitute a part of said magnetic flux conduction member.

6. (Original) The connector for an electric motor as recited in claim 5, wherein said power contact constituting a part of said magnetic flux conduction member is connected, when said connector is fixed on said motor, to a metal pad secured to said motor and a part of which lies in a vicinity of said magnetic ring.

7. (Original) The connector for an electric motor as recited in claim 5, wherein said power contact constituting a part of said magnet flux conduction member is made of steel.

8. (Original) The connector for an electric motor as recited in claim 1, wherein said connector is secured to said printed circuit on which said Hall-effect sensor is disposed.

9. (Original) The connector for an electric motor as recited in claim 1, wherein said connector is adapted so as to be fixed in a detachable manner on said electric motor.

10. (Currently amended) A geared motor for an automobile accessories comprising a connector ~~for an electric motor, adapted so as to be~~ detachably fixed on said an electric motor including a magnetic ring which is a seat of a magnetic field related to operating parameters of said motor, ~~wherein said the connector comprising comprises:~~

~~_____ a magnetic flux conduction member forming a flux concentrator interposed, when said connector is fixed on the motor, between said magnetic ring and;~~

~~_____ a Hall-effect sensor adapted so as to measure magnetic flux conducted by said magnetic flux conduction member; and~~

~~_____ a printed circuit board having an electrical circuit adapted to supply current supply source for said motor fixed thereon, wherein the magnetic flux conduction member is fixed to the~~

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printed circuit board in the vicinity of the Hall-effect sensor, and wherein the magnetic flux conduction member is releasably interposed between said magnetic ring and the Hall-effect sensor when said connector is fixed on the motor.

11. (Original) The geared motor as recited in claim 10 wherein said automobile accessory is a window.

12. (Original) The geared motor as recited in claim 10 wherein said automobile accessory is a seat.

13. (Original) The geared motor as recited in claim 10 wherein said automobile accessory is a sunroof.

14. (Original) The connector as recited in claim 3 wherein said two metal pins are made of steel.

15. (Original) The connector as recited in claim 3 wherein said two metal pins are parallel.

16. (Original) The connector as recited in claim 4 wherein said electrical power contacts include an end, and a metal pad is inserted into said end of each of said electrical power contacts which overlap said magnetic ring.